

Claim Amendments:

Sub B
1. (Currently Amended) A cable tie, comprising:

a strap body having a first end and a second end opposite the first end,

wherein the strap body includes a first group of teeth having peaks at a first predetermined height depth and a second group of teeth having peaks at a second predetermined height depth, the second predetermined height first depth being greater than the first predetermined height second depth, wherein the first group is closer than the second group to the first end;

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a locking head secured to the first end of the strap body, wherein the locking head has a locking wedge including an engagement surface, whereby after the engagement surface is worn, the difference between the first predetermined height and the second predetermined height allows the engagement surface to pivot down into engagement with the first group of teeth; and

a plurality of walls on the locking head forming a strap body accepting channel.

2. (Currently Amended) The cable tie of claim 1 wherein the height depth of the second first group of teeth is between 0.001 and 0.007 inches greater than the height depth of the first second group of teeth.

3. (Currently Amended) The cable tie of claim 1 wherein the height depth of the second first group of teeth is 0.003 inches greater than the height depth of the first second group of teeth.

4. (Original) The cable tie of claim 1 wherein the first group of teeth is adjacent the first end of the strap body.

5. (Original) The cable tie of claim 1 wherein the strap body and the locking head are integrally molded of polymeric thermoplastic material.

6. (Original) The cable tie of claim 1 wherein the strap body and the locking head are integrally molded of nylon.

7. (Currently Amended) A method of making a cable tie comprising the steps of:
molding a cable tie comprising a strap body having a first end and a second end opposite the first end, wherein the strap body includes a first group of teeth having peaks at a first predetermined height ~~depth~~ and a second group of teeth having peaks at a second predetermined height ~~depth~~, the second predetermined height ~~first depth~~ being greater than the first predetermined height ~~second depth~~, wherein the first group is closer than the second group to the first end, and a locking head secured to the first end of the strap body, wherein the locking head has a locking wedge including an engagement surface, whereby after the engagement surface is worn, the difference between the first predetermined height and the second predetermined height allows the engagement surface to pivot down into engagement with the first group of teeth, and wherein a plurality of walls on the locking head forming a strap body accepting channel.

8. (Currently Amended) The method of claim 7 wherein the height ~~depth~~ of the second ~~first~~ group of teeth is between 0.001 and 0.007 inches greater than the height ~~depth~~ of the first ~~second~~ group of teeth.

9. (Currently Amended) The method of claim 7 wherein the height ~~depth~~ of the second ~~first~~ group of teeth is 0.003 inches greater than the height ~~depth~~ of the first ~~second~~ group of teeth.

10. (Original) The method of claim 7 wherein the first group of teeth is adjacent the first end of the strap body.

11. (New) A cable tie, comprising:

a strap body having a first end and a second end opposite the first end,

wherein the strap body includes a plurality of teeth each having peaks at a predetermined height, the teeth positioned between the first end and the second end, wherein the height of the peaks of the teeth gradually increases from the first end to the second end;

a locking head secured to the first end of the strap body, wherein the locking head has a locking wedge including an engagement surface, whereby after the engagement surface is worn, the gradual increase in the height of the peaks of the teeth from the first end to the second end allows the engagement surface to pivot down into engagement with the teeth; and

a plurality of walls on the locking head forming a strap body accepting channel.